

AMICO® Alabama Metal Industries Corporation

SECURITY MESH™

*Without
Security Mesh™
access through
walls is easy.*



Security Mesh™
installed with
Secura Clips® makes
access through walls
virtually impossible.

AMICO Security Mesh combines high strength steel
with the element of surprise !



SECURITY MESH™

PRODUCT NAME

AMICO Security Mesh

MANUFACTURER

Alabama Metal Industries Corporation (AMICO)

Corporate

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AMICO Canada

1095 Northside Road

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PRODUCT DESCRIPTION

AMICO Security Mesh sheets are steel mesh panels used as a penetration resistant shield behind drywall finishes. These sheets are designed to be attached with AMICO Secura Clips to metal or wood studs in walls.

Basic Use: Correctional institutions, government offices, retail stores, record storage rooms, computer rooms, money rooms, courthouses, warehouses, museums, art galleries, airport security, hospitals, banks, apartments, condominiums, public housing, police stations or any application where a heightened level of security is required.

Composition and Material: AMICO Security Mesh is produced by simultaneously slitting and stretching a solid sheet of High Strength Low Alloy steel making one continuous sheet that cannot unravel at the strands. AMICO Security Mesh is readily available in carbon or stainless steel.

TECHNICAL DATA

AMICO Security Mesh is manufactured in accordance with the following specifications:

Carbon Steel Security Mesh - ASTM A569/569M

ASTM F1267, Type II, Class 1

Stainless Steel Security Mesh: Grade 304

ASTM A240, ASTM F1267, Type II, Class 3

PRODUCT TERMINOLGY

SWD - Short Way of Diamond

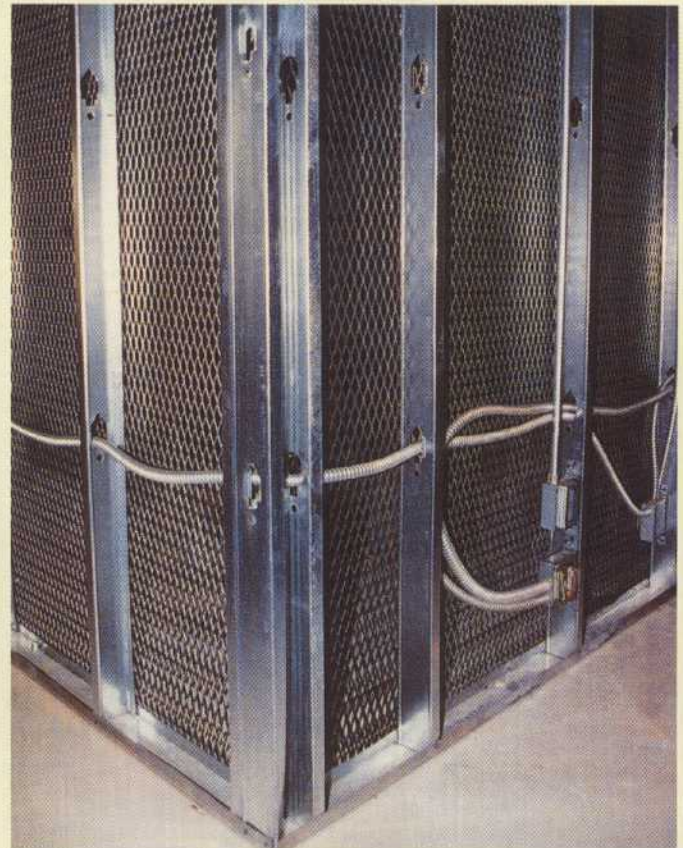
LWD - Long Way of Diamond

Bond - The point where adjacent strands intersect

Strand Thickness - Overall finished thickness

TECHNICAL SERVICE

Technical service is available from AMICO's Security Products Department at the corporate office. Published technical data is available upon request. **For assistance on a specific project, call 800/366-2642 and ask for the Security Products Department.**





INSTALLATION

Methods of Cutting: AMICO Security Mesh can be cut with any of the following - hand held circular saw with an abrasive or carbide tip blade; heavy duty nibler; hand held grinder with cutting wheel; or cutting torch.

Methods of Attachment:

Steel Framing Applications - AMICO Secura Clips are used to fasten Security Mesh to steel framing members using fine thread bugle head self-tapping screws with a #8 shank long enough to penetrate the steel framing members at least 3/8".

Wood Framing Applications - AMICO Secura Clips are used to fasten Security Mesh to wood framing members using a 1-5/8" fine thread #6 shank drywall screw.

Panel joints should be butted and occur over studs. The overlapping of panels is acceptable.

(Note: Panel Joining Details on the back page.)

Underwriters Laboratories Fire Rated Assemblies will not be jeopardized by using AMICO Security Mesh in the fire rated assembly. (U/L Subject File #1857)

MAINTENANCE

Security Mesh shall be stored before installation in a manner to prevent distortion of sheets. Normal precautions should be taken to prevent rust.

WARRANTY

AMICO Security Mesh is warranted to the finished product specification and to the physical and chemical properties of the raw material used if requested and expressly stated to AMICO prior to the sale. This warranty is limited to one year from the date the product is purchased for its intended purpose. The information herein is accurate and reliable to the best of our knowledge. AMICO has no control over installation, workmanship, accessories, complementary materials or conditions of application and therefore cannot be responsible for these areas of product performance. AMICO makes no implied warranties INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE PURCHASE PRICE AT AMICO'S OPTION.

Super Max Security Mesh for Industrial and Homeland Security Applications

AMICO's newest product for Homeland Security applications is the ASM .75-9F Heavy Modified, which is approximately 28% heavier than the current maximum security mesh. This product installed using AMICO Secura Clip provides the most formidable expanded metal barrier manufactured for wall/ceiling intrusions.

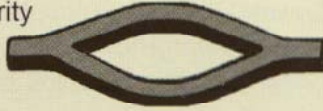




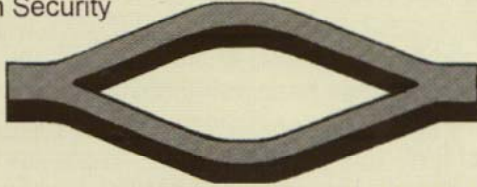
SECURITY MESH™

Specified and Approved by Federal Agencies for new and retrofit applications.

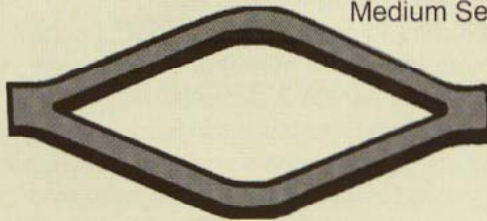
ASM .50-13F
Maximum Security



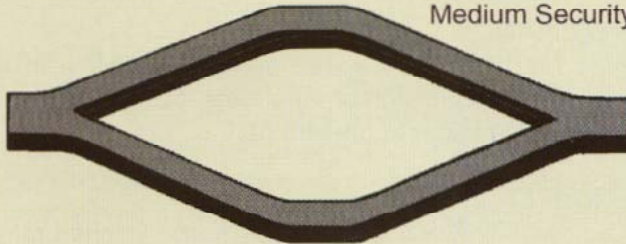
ASM .75-9F
Maximum Security



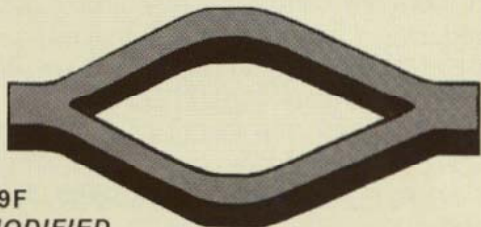
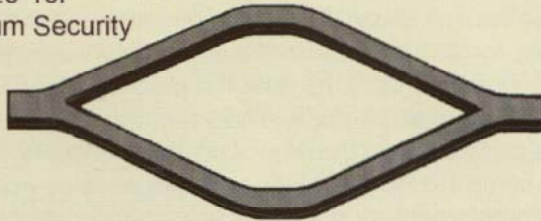
ASM .75-13F
Medium Security



ASM 1.5-9F
Medium Security



ASM 1.0-16F
Minimum Security



ASM .75-9F
HEAVY MODIFIED

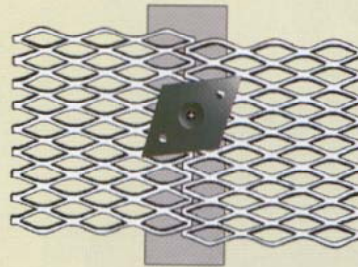
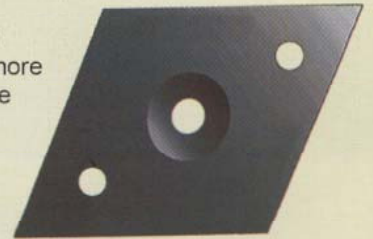
SUPER MAX SECURITY FOR INDUSTRIAL AND HOMELAND SECURITY APPLICATIONS

AMICO SECURITY MESH	Weight per 100 Sq. Ft.	Overall Thickness	Percent Open Area
ASM .50-13F	140 Lbs.	.070"	57%
ASM .75-9F	171 Lbs.	.120"	63%
ASM .75-13F	75 Lbs.	.070"	73%
ASM 1.5-9F	111 Lbs.	.110"	77%
*ASM 1.0-16F	41 Lbs.	.048"	77%

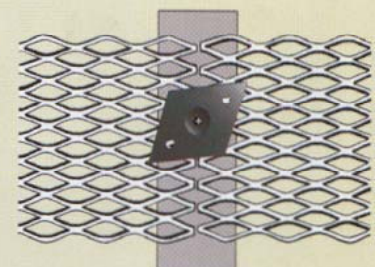
Tolerances: SWD = -0 + 1/4" per foot of dimension to a max. of 1" overall
LWD = -0 + 1/2" per foot of dimension to a max. of 1" overall

Stock Sizes: 4' x 8', 4' x 10'
5' x 8', 5' x 10'
*4' x 8' panels only 6' x 8', 6' x 10'

AMICO Secura Clips make any installation more secure by improving the holding power over standard drywall screws by 68%.



Panels Butted and Staggered
Detail "A"



Panels Butted
Detail "B"



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